



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

APPLICANTS: Jörg Freudenberger et al CONFIRMATION NO.: 8391  
SERIAL NO.: 10/774,131 GROUP ART UNIT: 2882  
FILED: February 6, 2004  
TITLE: "MONOCHROMATOR FOR AN X-RAY RADIATOR ALLOWING MODIFICATION OF THE X-RAY SPECTRAL COMPOSITION"

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the following documents be made during the course of examination of the above-referenced application for United States Letters Patent.

- AA United States Patent No. 5,028,778
- AB United States Patent No. 4,698,833
- AC United States Patent No. 4,398,823
- AL German OS 199 45 7773
- AM German PS 196 06 913
- AN German OS 4 127 778
- AO European Application 0 924 967
- AU U.S. Statutory Invention Registration H313
- AV "Über die Optimalisierung der Röntgenquantenenergie in der Röntgendiagnostik," Keller et al, Elektromedizin Vol. 10 (1965)  
pages 153-158

- AW "Theoretische Untersuchungen zur Optimierung der Quantenenergie in der Röntgendiagnostik," Freyer et al, *Fortschr. Röntgenstr.*, Vol. 123 (1975) pages 571-579
- AX "Mosaic Crystal Monochromators For Synchrotron Radiation Instrumentation," Freund, *Nuclear Instruments and Methods in Physics Research A*266 (1988) pages 461-466
- AY "Resolution Properties of a Large Area Quasi-monochromatic X-ray Source for Mammography," Gambaccini, *SPIE*, Vol. 3336 (1998) pages 65-75.

**EXPLANATION OF RELEVANCE**

The German counterpart to Reference AA, together with references AC, AL, AM, AN, AO and AU were cited by the German Patent and Trademark Office during examination of the counterpart German application. The remaining references are additional prior art known to the Applicants.

Copies of each of the above references together with Form 1449 are submitted herewith.

For the references that are in English, no further commentary concerning their teachings is necessary. Translations of the German language references are not readily available to the Applicants, however, each of References AL, AM, AN and AO has an English language abstract attached thereto, and References AV and AW each include an English language abstract as part of the text thereof.

As of the date of mailing of this Information Disclosure Statement, a First Office Action on the merits has not been received in connection with this application. This Information Disclosure Statement is therefore in compliance with 37 C.F.R. §1.97(b)(3), and no fee is necessary.

All claims of the application are submitted to be patentable over the teachings of the above references, taken singly or in combination. Early consideration of the application is therefore respectfully requested.

Submitted by,

 (Reg. 31,870)

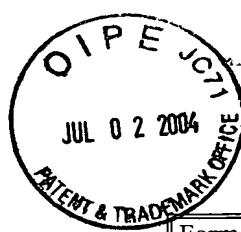
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**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA. 22313-1450 on June 28, 2004.

  
MELVIN A. ROBINSON

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Sheet 1 of 1

Form PTO-1449  INFORMATION DISCLOSURE CITATION IN AN APPLICATION (use several sheets if necessary)					Docket No. P03,0608	Serial No. 10/774,131	
					Applicant Jörg Freudenberg et al		
					Filing Date February 6, 2004	Group Art Unit 2882	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA	<b>5,028,778</b>	<b>07/02/91</b>	<b>Ninomiya et al.</b>			
	AB	<b>4,698,833</b>	<b>10/06/87</b>	<b>Keem et al.</b>			
	AC	<b>4,393,823</b>	<b>08/16/83</b>	<b>Brown et al</b>			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Subclass	Translation Yes      No
	AL	<b>199 45 773</b>	<b>04/12/01</b>	<b>Germany</b>			X
	AM	<b>196 06 913</b>	<b>08/21/87</b>	<b>Germany</b>			X
	AN	<b>41 27 778</b>	<b>11/05/92</b>	<b>Germany</b>			
	AO	<b>0 924 967</b>	<b>06/23/99</b>	<b>Europe</b>			
	AP						
	AQ						
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AT						
	AU	<b>U.S. Statutory Invention Registratin H313</b>					
	AV	<b>"Über die Optimalisierung der Röntgenquantenenergie in der Röntgendiagnostik," Keller et al, Elektromedizin Vol. 10 (1965) pages 153-158</b>					
	AW	<b>"Theoretische Untersuchungen zur Optimierung der Quantenenergie in der Röntgendiagnostik," Freyer et al, Forschr. Röntgenstr., Vol. 123 (1975) pages 571- 579</b>					
	AX	<b>"Mosaic Crystal Monochromators For Synchrotron Radiation Instrumentation," Freund, Nuclear Instruments and Methods in Physics Research A266 (1988) pages 461-466</b>					
	AY	<b>"Resolution Properties of a Large Area Quasi-monochromatic X-ray Source for Mammography," Gambaccini, SPIE, Vol. 3336 (1998) pages 65-75.</b>					
Examiner			Date Considered				
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							